Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 05 Sep 2022 until 23:59 on Tuesday 06 Sep 2022

Forecast Issued on Monday 05 Sep 2022 at 03:47

Confidence: High for an unsettled period, with each day seeing spells of sunshine, but also occasional showers. Also high for more organised, heavy and blustery bands of rain and showers to move northwards Monday and Tuesday, but low confidence with timings and the occurrence of any lightning and thunder. Confidence in any detail becomes very low by Wednesday.

Headline for Monday 05 Sep 2022: Mostly fine, with just the odd heavy shower possible later in the day and a risk of thunder.

Mountain weather hazards on Monday 05 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny	Sunny	Sunny intervals	Sunny intervals	Thundery showers (night)
Precipitation probability					
20%	<05%	<05%	10%	30%	50%

Forecast for Monday 05 Sep 2022

Weather: A largely fine and warm autumn day, with early cloud breaking to warm sunny periods. Most hills staying dry, although the odd late afternoon shower possible. Cloud thickening again during the late afternoon and evening, with another band of showers and thunderstorms spreading north.

Chance of cloud-free hill tops above 600m: 80% becoming 100%, but falling to 60% in the evening.

Low cloud and visibility: Cloud largely above hills, but some patches around 600m over summits early in the morning then quickly dissipating. Outside of cloud, some good to very good views to be expected, with distant hills visible. Views becoming poor to very poor with any heavy showers that occur later, and cloud bases temporarily dropping to around 600m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 05 Sep 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 S	12/15 S	14/19 S	17/23 S	17/25 SE	16/23 SE	17/25 S
300	10/17 SE	9/12 S	12/17 S	15/21 S	13/21 SE	13/21 SE	13/21 SE
Valley	5/15 SE	7/11 S	9/16 S	11/21 S	9/21 SE	8/20 SE	7/18 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/11	14/12	16/14	18/14	17/14	15/13	15/12
300	15/14	16/15	19/17	21/17	19/17	18/16	16/14
Valley	15/15	18/17	21/19	22/20	20/18	18/17	16/16
Freezing Level*	2100m	1900m	2100m	2900m	3000m	3000m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Generally excellent conditions on the hills, with most seeing plenty of dry and warm weather. This will lead to some Moderate UV levels. Heavy showers, and potentially thunderstorms are possible, towards the end of the day, so waterproofs needed, and also being ready to descend off high ground and exposed points should they occur. Perhaps a good day to finish a little early.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 05 Sep 2022	4mm	4mm	4mm

Forecast for Tuesday 06 Sep 2022

Weather: Dry with clear spells overnight. Sunny intervals follow during the morning, however cloud will build through the day with further, heavy and potentially thundery showers developing. These likely accompanied by some gusty winds, with a risk of hail. Showers only gradually easing during the evening.

Maximum wind: Southeasterly 15mph gusting 25mph, perhaps 30-35mph near showers.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Patchy cloud above 500m during any heavier showers. Otherwise some good to very good views to be expected, with distant hills visible. Views becoming poor to very poor with any heavy showers that occur.

Temperature: **Valleys:** Plus 14 Celsius becoming Plus 25 Celsius
At 600m: Plus 13 Celsius becoming Plus 16 Celsius
Freezing level: Above summits.

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